

## Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE HURON</b>				
<b>OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]</b>				
	09/21/10 19:20 EST	0		Marine Thunderstorm Wind (MG 55 kt)
	09/21/10 19:20 EST	0		Source: C-MAN Station
<b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- PINCONNING [43.85, -83.97]</b>				
	09/21/10 19:42 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	09/21/10 19:42 EST	0		Source: Trained Spotter
A trained spotter estimated a 40 mph thunderstorm wind gust.				
<b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 11.6 SSW POINT AU GRES [43.81, -83.72]</b>				
	09/21/10 21:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	09/21/10 21:00 EST	0		Source: C-MAN Station
<b>PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 1.5 NNE HARBOR BEACH [43.85, -82.64]</b>				
	09/21/10 21:36 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	09/21/10 21:36 EST	0		Source: C-MAN Station
<b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 11.6 SSW POINT AU GRES [43.81, -83.72]</b>				
	09/21/10 22:10 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	09/21/10 22:10 EST	0		Source: C-MAN Station
<b>OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]</b>				
	09/21/10 22:20 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	09/21/10 22:20 EST	0		Source: C-MAN Station
<b>PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 1.5 NNE HARBOR BEACH [43.85, -82.64]</b>				
	09/21/10 22:54 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/21/10 22:54 EST	0		Source: C-MAN Station
<b>PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 2.1 N PORT HURON [43.01, -82.42]</b>				
	09/21/10 23:12 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/21/10 23:12 EST	0		Source: C-MAN Station
Thunderstorms moving through the Marine Waters of Saginaw Bay and southern Lake Huron produced wind gusts of 40 to 63 mph.				
<b>LAKE ST CLAIR</b>				
<b>DETROIT RIVER COUNTY --- WYANDOTTE [42.20, -83.17]</b>				
	09/02/10 13:45 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	09/02/10 13:45 EST	0		Source: Trained Spotter
<b>DETROIT RIVER COUNTY --- GROSSE ILE [42.18, -83.17]</b>				
	09/02/10 13:46 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	09/02/10 13:46 EST	0		Source: AWOS
A severe thunderstorm moved into the Detroit River.				
<b>DETROIT RIVER COUNTY --- 2.8 S GROSSE ILE [42.14, -83.18]</b>				
	09/16/10 14:35 EST	0		Marine Thunderstorm Wind (EG 39 kt)
	09/16/10 14:35 EST	0		Source: Trained Spotter
A trained spotter estimated a 45 mph thunderstorm wind gust.				

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A thunderstorm produced an estimated 45 mph wind gust.

### MICHIGAN, East

WAYNE COUNTY --- 0.7 S FLAT ROCK [42.07, -83.27], 1.2 SW DETROIT GROSSE ILE M [42.09, -83.19]	09/02/10 13:40 EST		30K	Thunderstorm Wind (EG 61 kt)
	09/02/10 13:45 EST		0	Source: NWS Storm Survey

Widespread trees were blown down, along with two garage roofs blown off.

A severe thunderstorm popped up near the Wayne and Monroe County borders and move into the Detroit River.

(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE	09/07/10 18:00 EST		3.08M	Strong Wind (MAX 43 kt)
	09/07/10 22:00 EST		0	

Winds gusted between 40 and 50 mph across southeast Michigan, with the strongest winds occurring over the Detroit Metro area. A few trees and tree branches were blown down, some of which fell onto power lines. Very low humidity levels, less than 25 percent, allowed the sparking wires to touch off fires across Wayne County. The wind swept fires destroyed 90 occupied homes and damaged 71 vacant homes and garages. No injuries were reported.

GENESEE COUNTY --- 1.6 WSW FLINT DALTONS ARPT [43.04, -83.81]	09/18/10 04:30 EST		5K	Lightning
	09/18/10 04:30 EST		0	Source: Newspaper

Lightning struck a house on Stonebrook Lane, blowing a hole in a bedroom wall and closet.

HURON COUNTY --- 1.7 NE QUARRY [43.85, -83.31]	09/21/10 20:23 EST		0	Hail (0.75 in)
	09/21/10 20:23 EST		0	Source: Trained Spotter

MIDLAND COUNTY --- MIDLAND [43.62, -84.23]	09/21/10 21:30 EST		4K	Thunderstorm Wind (EG 54 kt)
	09/21/10 21:30 EST		0	Source: Law Enforcement

Numerous tress and powerlines were reported down.

SHIAWASSEE COUNTY --- 0.5 W PERRY [42.82, -84.23]	09/21/10 21:30 EST		3K	Thunderstorm Wind (EG 54 kt)
	09/21/10 21:30 EST		0	Source: Amateur Radio

Several trees and power lines were reported down.

MIDLAND COUNTY --- 3.8 ENE LARKIN [43.74, -84.18]	09/21/10 21:32 EST		3K	Thunderstorm Wind (EG 56 kt)
	09/21/10 21:32 EST		0	Source: Trained Spotter

Over two dozen trees were blown down, with larger ones around 18 inches in diameter.

SAGINAW COUNTY --- CHESANING [43.18, -84.12]	09/21/10 21:35 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/21/10 21:35 EST		0	Source: Law Enforcement

Large tree limbs and power lines reported down.

SAGINAW COUNTY --- SHIELDS [43.42, -84.05]				
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	09/21/10 21:40 EST		0	Thunderstorm Wind (EG 52 kt)
	09/21/10 21:40 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
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<b>SAGINAW COUNTY --- 1.0 E SAGINAW [43.42, -83.95]</b>				
	09/21/10 21:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/21/10 21:45 EST		0	Source: Law Enforcement
Large tree limbs and power line were reported down.				
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<b>LIVINGSTON COUNTY --- 0.9 SW HOWELL ARPT [42.62, -83.99]</b>				
	09/21/10 21:48 EST		0	Thunderstorm Wind (MG 50 kt)
	09/21/10 21:48 EST		0	Source: Trained Spotter
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<b>BAY COUNTY --- 0.9 SW BAY CITY [43.59, -83.89]</b>				
	09/21/10 21:50 EST		3K	Thunderstorm Wind (EG 54 kt)
	09/21/10 21:50 EST		0	Source: Law Enforcement
Several trees fell down onto power lines.				
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<b>GENESEE COUNTY --- 0.5 W (FNT)BISHOP ARPT FLI [42.97, -83.76]</b>				
	09/21/10 21:59 EST		0	Thunderstorm Wind (MG 52 kt)
	09/21/10 21:59 EST		0	Source: ASOS
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<b>GENESEE COUNTY --- 0.7 N ARGENTINE [42.79, -83.83]</b>				
	09/21/10 22:05 EST		0	Thunderstorm Wind (EG 52 kt)
	09/21/10 22:05 EST		0	Source: Amateur Radio
A large tree was reported blown down onto a road.				
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<b>GENESEE COUNTY --- 1.0 W MT MORRIS [43.12, -83.70]</b>				
	09/21/10 22:05 EST		3K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:05 EST		0	Source: Amateur Radio
Three large trees were blown down.				
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<b>GENESEE COUNTY --- 2.0 W CLIO [43.18, -83.76]</b>				
	09/21/10 22:05 EST		0	Thunderstorm Wind (EG 52 kt)
	09/21/10 22:05 EST	1	0	Source: Amateur Radio
A large tree was blown down which struck a man on a motorcycle.				
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<b>TUSCOLA COUNTY --- MILLINGTON [43.28, -83.53]</b>				
	09/21/10 22:05 EST		4K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:05 EST		0	Source: Law Enforcement
Numerous trees and power lines reported down.				
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<b>GENESEE COUNTY --- 2.1 WSW RUSSELLVILLE [43.09, -83.59]</b>				
	09/21/10 22:10 EST		0	Thunderstorm Wind (EG 53 kt)
	09/21/10 22:10 EST		0	Source: Trained Spotter
Multiple trees were reported down.				
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<b>TUSCOLA COUNTY --- 1.2 NE MAYVILLE [43.34, -83.35]</b>				
	09/21/10 22:15 EST		10K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:15 EST		0	Source: Law Enforcement
Numerous trees and power lines reported down.				

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<b>LAPEER COUNTY --- LAPEER [43.05, -83.32]</b>				
	09/21/10 22:20 EST		10K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:20 EST		0	Source: Law Enforcement
Numerous trees and power lines were reported down.				
<b>TUSCOLA COUNTY --- 0.9 SW KINGSTON [43.41, -83.19]</b>				
	09/21/10 22:25 EST		10K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:25 EST		0	Source: Law Enforcement
Numerous trees and power lines reported down.				
<b>LAPEER COUNTY --- 0.5 E ATTICA [43.03, -83.16], 1.9 S ATTICA [43.00, -83.16]</b>				
	09/21/10 22:35 EST		0	Thunderstorm Wind (EG 52 kt)
	09/21/10 22:35 EST		0	Source: Trained Spotter
A tree was blown down and blocked the intersection of Newark and Lake Pleasant Roads. Multiple trees were also down elsewhere.				
<b>HURON COUNTY --- BAD AXE [43.80, -83.00]</b>				
	09/21/10 22:37 EST		0	Thunderstorm Wind (MG 50 kt)
	09/21/10 22:37 EST		0	Source: AWOS
<b>SANILAC COUNTY --- CROSWELL [43.27, -82.62]</b>				
	09/21/10 22:55 EST		2K	Thunderstorm Wind (EG 54 kt)
	09/21/10 22:55 EST		0	Source: Law Enforcement
Numerous trees reported down.				
<b>A cold front swept through Southeast Michigan producing several severe thunderstorms north of M-59.</b>				